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said main information signal and information on at least copyright protection and for supplying said signal and said information to an information-signal processing apparatus, said information-signal reading method comprising the step of supplying encrypted information on copyright protection and said unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus. --

A6 Sub B5
--51. (Amended) An information-signal processing method for receiving a main information signal, encrypted information on copyright protection and unencrypted information on copyright protection, said information-signal processing method comprising the steps of:
detecting copy control information from said main information signal;
decrypting said encrypted information on copyright protection; and
controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on copyright protection, decrypted information on copyright protection and said copy control information.--

REMARKS

It is submitted that these claims, as originally presented, are patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes to these claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103 or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

Claims 6-12, 16-19, 25-31, 37-43, 47-50, and 56-62 have been withdrawn from consideration, and claims 2-5, 14-15, 21-24, 33-36, 45-46, and 52-55 and amended claims 1, 13, 20, 32, 44, and 51 are in this application.

The disclosure was objected to because of "informalities". In explaining this objection, the Examiner stated that it "is not clear whether FIGS. 8 and 9 are prior art or not." It is respectfully submitted that Figs. 8 and 9 are not prior art.

Claims 1, 13, and 20 were rejected under 35 U.S.C. 102(b) as being anticipated by JP 10-65662.

Amended independent claim 13 recites in part "an output means for supplying said information on copyright protection encrypted by said encryption means and said unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus." (Underlining added for emphasis.) Accordingly, in the apparatus of claim 13, encrypted copyright protection information and unencrypted copyright protection information may be supplied.

It is respectfully submitted that JP 10-65662 as apparently applied by the Examiner (hereinafter, merely "JP'662") does not disclose the above-mentioned "output means" of amended claim 13. For example, the readout means of JP'662 appears to merely output an encrypted main information signal and an encryption key used for encryption of the main information signal.

As such, it is believed that amended claim 13 is distinguishable from JP'662.

For reasons similar to those previously described with regard to claim 13, amended independent claim 1 is also believed to be distinguishable from JP'662.

Amended independent claim 20 recites in part “a control means for controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on copyright protection, information on copyright protection obtained as a result of decryption carried out by said decryption means and said copy control information”. It is respectfully submitted that this feature is not disclosed in JP’662. Accordingly, it is believed that amended claim 20 is also distinguishable from JP’662.

Claims 3, 15, 22, 32, 34, 44, 46, 51, and 53 were rejected under 35 U.S.C. 103(a) as being unpatentable over JP ‘662.

Amended independent claims 32, 44, and 51 are believed to be distinguishable from JP’662 for reasons similar to those previously described.

Claims 3, 15, 22, 34, 46, and 53 are dependent from one of the amended independent claims, and due to such dependency, are believed to be distinguishable from JP’662 for at least the reasons previously described.

Claims 2, 14, 21, 33, 45, and 52 were rejected under 35 U.S.C. 103(a) as being unpatentable over JP ‘662 in view of Heemskerk (US Patent No. 6,031,815).

Claims 2, 14, 21, 33, 45, and 52 are dependent from one of the independent claims, and due to such dependency, are believed to be distinguishable from JP’662 for at least the reasons previously described. The Examiner cited Heemskerk apparently only in an attempt to meet the limitations of dependent claims 2, 14, 21, 33, 45, and 52 and not to overcome the above-described deficiencies of JP’662. Accordingly, claims 2, 14, 21, 33, 45, and 52 are distinguishable from such applied combination of JP’662 and Heemskerk.

Claims 4, 5, 23, 24, 35, 36, 54, and 55 were rejected under 35 U.S.C. 103(a) as being unpatentable over JP '662 in view of Kato et al. (Kato hereinafter: US Patent No. 6,301,663B1).

Claims 4, 5, 23, 24, 35, 36, 54, and 55 are dependent from one of the independent claims, and due to such dependency, are believed to be distinguishable from JP'662 for at least the reasons previously described. The Examiner cited Kato apparently only in an attempt to meet the limitations of dependent claims 4, 5, 23, 24, 35, 36, 54, and 55 and not to overcome the above-described deficiencies of JP'662. Accordingly, claims 4, 5, 23, 24, 35, 36, 54, and 55 are distinguishable from such applied combination of JP'662 and Kato.

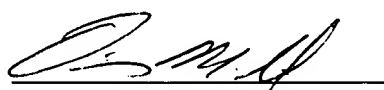
Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

It is to be appreciated that the foregoing comments concerning the disclosures in the cited prior art represent the present opinions of the applicants' undersigned attorney and, in the event, that the Examiner disagrees with any such opinions, it is requested that the Examiner indicate where in the reference or references, there is the bases for a contrary view.

Please charge any fees incurred by reason of this response to Deposit Account No. 50-0320.

Respectfully submitted,

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“VERSION WITH MARKINGS TO SHOW CHANGES MADE.”

IN THE CLAIMS

Please amend claims 1, 13, 20, 32, 44, and 51 by rewriting the same as follows:

--1. (Amended) An information-signal playback system comprising an information-signal reading apparatus for reading out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection, and an information-signal processing apparatus for receiving said main information signal and said information on copyright protection received from said information-signal reading apparatus,

wherein said information-signal reading apparatus has:

a readout means for reading out said information on copyright protection from said recording medium;

an encryption means for encrypting said information on copyright protection read out by said readout means; and

an output means for supplying said information on copyright protection encrypted by said encryption means and said unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus, and

said information-signal processing apparatus has:

a watermark detecting means for detecting the copy control information from said main information signal;

a decryption means for decrypting said encrypted information on copyright

protection received from said information-signal reading apparatus; and

a control means for controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on copyright protection received from said information-signal reading apparatus, [and] information on copyright protection obtained as a result of decryption carried out by said decryption means and said copy control information.--

--13. (Amended) An information-signal reading apparatus for reading out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection and for supplying said signal and said information to an information-signal processing apparatus, said information-signal reading apparatus comprising:

a readout means for reading out said information on copyright protection from said recording medium;

an encryption means for encrypting said information on copyright protection read out by said readout means; and

an output means for supplying said information on copyright protection encrypted by said encryption means and said unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus. --

--20. (Amended) An information-signal processing apparatus for receiving a main information signal, encrypted information on copyright protection and unencrypted information on copyright protection, said information-signal processing apparatus comprising:

a watermark detecting means for detecting copy control information from said

main information signal;

a decryption means for decrypting said encrypted information on copyright protection; and

a control means for controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on copyright protection, [and] information on copyright protection obtained as a result of decryption carried out by said decryption means and said copy control information.--

--32. (Amended) An information-signal playback method for driving an information-signal reading apparatus to read out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection and supply said main information signal and said information on copyright protection to an information-signal processing apparatus, said information-signal playback method comprising the steps of:

driving said information-signal reading apparatus to supply encrypted information on copyright protection and unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus; and

driving said information-signal processing apparatus to ^{detect} detect copy control information from said main information signal, decrypt said encrypted information on copyright protection received from said information-signal reading apparatus, and [controls] control predetermined processing carried out on said main information signal on the basis of said unencrypted information on copyright protection received from said information-signal reading apparatus, [and] information on copyright protection obtained as a result of decryption and said

copy control information.--

--44. (Amended) An information-signal reading method for reading out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection and for supplying said signal and said information to an information-signal processing apparatus, said information-signal reading method comprising the step of supplying encrypted information on copyright protection and said unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus. --

--51. (Amended) An information-signal processing method for receiving a main information signal, encrypted information on copyright protection and unencrypted information on copyright protection, said information-signal processing method comprising the steps of:

detecting copy control information from said main information signal;

decrypting said encrypted information on copyright protection; and

controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on copyright protection, [and] decrypted information on copyright protection and said copy control information.--